



MERCEDES-BENZ

Service

Maintenance Manual USA

Model Year 1972–1980

Passenger Cars Volume 1

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This Maintenance Manual contains maintenance jobs to be performed on Passenger Cars starting model year 1972 up to model year 1980.

Besides the detailed descriptions (both written and illustrated) of these jobs, all necessary checking and adjustment data as well as filling quantities, fuels, lubricants, and coolants, and information on required special tools and specified tightening torques are included.

Each individual maintenance job is assigned a number (position number) which may be found in the outer upper corner of the respective page, arranged in numerical sequence. The position number in the Maintenance Manual corresponds to the number in the Work Sheets and Maintenance Booklet so that, if necessary, when carrying out the maintenance jobs the corresponding texts and data can be immediately found.

The types or engines to which the work applies are listed below the position number. Information on the maintenance intervals during which the individual jobs should be carried out can be obtained from the tables at the beginning of the manual.

A listing of all maintenance jobs is supplied in the index which is arranged in sequence of the unit groups and respective subjects.

Daimler-Benz Aktiengesellschaft
Zentralkundendienst

January 1981

Model designation

| | Sales Designation | Model | Engine Type Designation |
|---------------------|-------------------|---------|---------------------------|
| Sedans | 220 D | 115.110 | 615.912 |
| | 240 D | 115.117 | 616.916 |
| | 240 D | 123.123 | 616.912 |
| | 300 D | 115.114 | 617.910 |
| | 300 D | 123.130 | 617.912 |
| | 300 TD | 123.190 | 617.912 |
| | 300 SD | 116.120 | 617.950 |
| | 220 | 115.010 | 115.920 |
| | 230 | 115.017 | 115.951 |
| | 230 | 123.023 | 115.954 |
| | 250 | 114.011 | 130.923 |
| | 280 | 114.060 | 110.921 |
| | 280 E | 123.033 | 110.984 ¹⁾ |
| | 280 S | 108.016 | 130.920 |
| | 280 S | 116.020 | 110.922 |
| | 280 SE | 108.018 | 130.980 |
| | 280 SE | 116.024 | 110.985 ¹⁾ |
| | 280 SEL | 108.019 | 130.980 |
| | 280 SE 4.5 | 108.067 | 117.984 |
| | 280 SEL 4.5 | 108.068 | 117.984 |
| | 300 SEL | 109.016 | 130.981 |
| | 300 SEL 3.5 | 109.056 | 116.981 |
| | 300 SEL 4.5 | 109.057 | 117.981 |
| | 300 SEL 6.3 | 109.018 | 100.981 |
| | 450 SE | 116.032 | 117.983/986 ¹⁾ |
| | 450 SEL | 116.033 | 117.983/986 ¹⁾ |
| | 6.9 | 116.036 | 100.985 ¹⁾ |
| | 600 | 100.012 | 100.980 |
| | 600 long 4 doors | 100.014 | 100.980 |
| | 600 long 6 doors | 100.016 | 100.980 |
| Coupés | 250 C | 114.023 | 130.923 |
| | 280 C | 114.073 | 110.921 |
| | 280 CE | 123.053 | 110.984 |
| | 280 SE | 111.024 | 130.980 |
| | 280 SE 3.5 | 111.026 | 116.980 |
| | 300 CD | 123.150 | 617.912 |
| | 450 SLC | 107.024 | 117.982/985 ¹⁾ |
| Convertibles | 280 SE | 111.025 | 130.980 |
| | 280 SE 3.5 | 111.027 | 116.980 |
| Roadster | 280 SL | 113.044 | 130.983 |
| | 450 SL | 107.044 | 117.982/985 ¹⁾ |

¹⁾ Engines with CIS (continuous injection system)

| | Job No. |
|--|-------------|
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| 114 130 180 | 151.20 |
| 115 | 151.25 |
| 116 117 | 151.30 |
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| 110 | 753.3 |
| 115 130 | 753.5 |
| 615 616 617 | 753.7 |
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| 110 model year 1973–1976 | 756.21 |
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| 115 model year 1972–1974 | 756.35 |
| model year 1975–1976 | 756.36 |
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|--|-------------|
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| | Job No. |
|---|---------|
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|---|-----|
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| | |
|--|-----|
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| | |
|--|-----|
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| | |
|---|-----|
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|---|-----|

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| | |
|--|-----|
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| Brake discs, check and clean (refer to job No. 712) | |
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| | |
|--|-----|
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Job. No.

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| | |
|---|-----|
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| | |
|--|-----|
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| | |
|--|-----|
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| | |
|--|-----|
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Maintenance Chart as from Model Year 1980

| Job. No. | 107.024 | 107.044 | 116.024 | 123.033 123.053 | 116.033 |
|-------------------|--|----------------------------------|---|--|----------------------------------|
| | 1. Inspection at 800-1,000 miles 2. Inspection at 7,500 miles | Lubrication every 7,500 miles | Maintenance - every 15,000 miles Additionally every 30,000 miles | 1. Inspection at 800-1,000 miles 2. Inspection at 7,500 miles | Lubrication every 7,500 miles |
| 009 | | | | | |
| 025 | | | | | |
| 028 | | | | | |
| 030 | ● | | | | |
| 038 | | ● | | | |
| 041 | | ● | | | |
| 097 | | | | | |
| 098 | | | | | |
| 099 | | | | | |
| 120 | ● | | | | |
| 130 | | | | | |
| 134 | ● | ● | | | |
| 151 | ● | ● | ● | | |
| 170 | | | | | |
| 174 | | | | | |
| 180 | ● | | | | |
| 203 | | | | | |
| 350 | | | | | |
| 375 | | | | | |
| 388 | | | | | |
| 393 | | | | | |
| 395 | | | | | |
| 415 | ● | ● | ● | | |
| 465 | ● | ● | ● | | |
| 484 | ● | | ● | | |
| 625 | | | ● | | |
| 630 | ● | | ● | | |
| 700 | ● | | ● | | |
| 702 ¹⁾ | | | ● | | |
| 706 | | | ● | | |
| 712 | | | ● | | |
| 714 | | | ● | | |
| 753 | | | ● | | |

Maintenance Chart as from Model Year 1980

| Job. No. | 107.024 | 107.044 | 116.024 | 123.033 123.053 | 116.033 |
|-------------------|---|---|---|---|---|
| | 1. Inspection at 800-1,000 miles 2. Inspection at 7,500 miles Lubrication every 7,500 miles Maintenance – every 15,000 miles Additionally every 30,000 miles | 1. Inspection at 800-1,000 miles 2. Inspection at 7,500 miles Lubrication every 7,500 miles Maintenance – every 15,000 miles Additionally every 30,000 miles | 1. Inspection at 800-1,000 miles 2. Inspection at 7,500 miles Lubrication every 7,500 miles Maintenance – every 15,000 miles Additionally every 30,000 miles | 1. Inspection at 800-1,000 miles 2. Inspection at 7,500 miles Lubrication every 7,500 miles Maintenance – every 15,000 miles Additionally every 30,000 miles | 1. Inspection at 800-1,000 miles 2. Inspection at 7,500 miles Lubrication every 7,500 miles Maintenance – every 15,000 miles Additionally every 30,000 miles |
| 758 | ● | | | | |
| 759 ²⁾ | | | | | |
| 760 ²⁾ | | ● | | | |
| 768 ³⁾ | | ● | | | |
| 770 | | ● ⁴⁾ | ● | | |
| 771 ⁵⁾ | | ● | | | |
| 776 | ● | | | | |
| 799 | ● | | | | |
| 813 | | ● | | | |
| 821 | | ● | | | |
| 832 | | ● | | | |
| 847 | | ● | | | |
| 870 | | | | | |
| 871 | ● | | | | |
| 905 | ● | | | | |
| 907 | ● | | | | |
| 924 | ● | | | | |
| 951 | ● | | | | |
| 982 | ● | | | | |
| 983 | ● | | | | |
| 987 | ● | | | | |
| 988 | ● | ● ²⁾ | | | |
| 990 | ● | ● | ● | | |
| 991 ⁶⁾ | ● | ● | ● | | |

1) This job is to be carried out yearly if possible in spring

2) Only model 123

3) Only once after 30,000 miles

4) Only Federal version 5) Only California version 6) This job is to be carried out every other year



Maintenance Chart as from Model Year 1980

| Job. No. | 116.120 | 123.123 | | 123.130 123.150 123.190 | | |
|----------|---------|---|---|---|---|--|
| | | 1. Inspection at 800-1,000 miles 2. Inspection at 5,000 miles Lubrication every 5,000 miles Maintenance – every 15,000 miles Additionally every 30,000 miles | 1. Inspection at 800-1,000 miles 2. Inspection at 5,000 miles Lubrication every 5,000 miles Maintenance – every 15,000 miles Additionally every 30,000 miles | 1. Inspection at 800-1,000 miles 2. Inspection at 5,000 miles Lubrication every 5,000 miles Maintenance – every 15,000 miles Additionally every 30,000 miles | 1. Inspection at 800-1,000 miles 2. Inspection at 5,000 miles Lubrication every 5,000 miles Maintenance – every 15,000 miles Additionally every 30,000 miles | |
| 009 | | | | | | |
| 025 | | | | | | |
| 028 | | | | | | |
| 030 | | | | | | |
| 038 | | | | | | |
| 041 | | | | | | |
| 045 | | | | | | |
| 085 | | | | | | |
| 097 | | | | | | |
| 098 | | | | | | |
| 099 | | | | | | |
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| 171 | | | | | | |
| 174 | | | | | | |
| 180 | | | | | | |
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| 375 | | | | | | |
| 388 | | | | | | |
| 393 | | | | | | |
| 395 | | | | | | |
| 415 | | | | | | |
| 465 | | | | | | |
| 484 | | | | | | |
| 501 | | | | | | |
| 510 | | | | | | |
| 625 | | | | | | |
| 630 | | | | | | |
| 650 | | | | | | |
| 700 | | | | | | |
| 7021) | | | | | | |
| 706 | | | | | | |
| 712 | | | | | | |
| 714 | | | | | | |

Maintenance Chart as from Model Year 1980

| Job. No. | 116.120 | | | 123.123 | | | 123.130 123.150 123.190 | | | | | |
|-------------------|----------------------------------|------------------------------|-------------------------------|----------------------------------|----------------------------------|------------------------------|-------------------------------|----------------------------------|----------------------------------|------------------------------|-------------------------------|----------------------------------|
| | 1. Inspection at 800-1,000 miles | 2. Inspection at 5,000 miles | Lubrication every 5,000 miles | Maintenance - every 15,000 miles | 1. Inspection at 800-1,000 miles | 2. Inspection at 5,000 miles | Lubrication every 5,000 miles | Maintenance - every 15,000 miles | 1. Inspection at 800-1,000 miles | 2. Inspection at 5,000 miles | Lubrication every 5,000 miles | Maintenance - every 15,000 miles |
| 753 | ● | | | | | | | | | | | |
| 758 | | ● | | | | | | | | | | |
| 759 | | ● | | | | | | | | | | |
| 760 | | | ● | | | ● | | | | | | |
| 787 ²⁾ | | | ● | | | ● | | | | | | |
| 797 | | | | | | | | | | | | |
| 798 | ● | | | | | | | | | | | |
| 813 | | ● | ● | | | | | | | | | |
| 821 | | ● | | | | | | | | | | |
| 844 | | | ● | | | | | | | | | |
| 845 | | | ● | | | | | | | | | |
| 871 | | ● | | | | | | | | | | |
| 877 | | ● | | | | | | | | | | |
| 895 | | | ● | | | | | | | | | |
| 905 | | | ● | | | | | | | | | |
| 907 | | | ● | | | | | | | | | |
| 924 | | | ● | | | | | | | | | |
| 951 | | ● | | | | | | | | | | |
| 982 | | | ● | | | | | | | | | |
| 983 | | | ● | | | | | | | | | |
| 987 | | | ● | | | | | | | | | |
| 988 | | | ● | | | | | | | | | |
| 990 | | | ● | | | | | | | | | |
| 991 ³⁾ | | | ● | | | | | | | | | |

1) This job is to be carried out yearly if possible in spring

2) This job is only to be carried out at 30,000 miles

3) This job is only to be carried out every other year

